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=> s inhibit?(2a)p53  
 L1 3466 INHIBIT?(2A) P53

=> s clinic?  
 L2 2682216 CLINIC?

=> s l1 and l2  
 L3 212 L1 AND L2

=> dup rem l3  
 PROCESSING COMPLETED FOR L3  
 L4 146 DUP REM L3 (66 DUPLICATES REMOVED)

=> s apo-1 or fas or cd95  
 L5 32435 APO-1 OR FAS OR CD95

=> s l4 and l5  
 L6 4 L4 AND L5

=> d ti so

L6 ANSWER 1 OF 4 MEDLINE  
 TI Gene therapy for cardiovascular disease: a case for cautious optimism.  
 SO HYPERTENSION, (2001 Nov) 38 (5) 1210-6. Ref: 74  
 Journal code: 7906255. ISSN: 1524-4563.

=> d ti so 1-4

L6 ANSWER 1 OF 4 MEDLINE  
 TI Gene therapy for cardiovascular disease: a case for cautious optimism.

SO HYPERTENSION, (2001 Nov) 38 (5) 1210-6. Ref: 74  
 Journal code: 7906255. ISSN: 1524-4563.

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS  
 TI Thymidylate synthase inhibition induces p53 dependent and independent cell death  
 SO Advances in Experimental Medicine and Biology (2000), 486(Purine and Pyrimidine Metabolism in Man X), 303-306  
 CODEN: AEMBAP; ISSN: 0065-2598

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS  
 TI Pharmacological inhibition of fatty acid synthase activity produces both cytostatic and cytotoxic effects modulated by p53  
 SO Cancer Research (2001), 61(4), 1493-1499  
 CODEN: CNREAR; ISSN: 0008-5472

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS  
 TI Apoptosis of neoplasm cell lines induced by hepatic peptides extracted from sucking porcine hepatocytes  
 SO World Journal of Gastroenterology (1999), 5(5), 435-439  
 CODEN: WJGAF2; ISSN: 1007-9327

=> s l1 and l5  
 L7 72 L1 AND L5

=> dup rem l7  
 PROCESSING COMPLETED FOR L7  
 L8 39 DUP REM L7 (33 DUPLICATES REMOVED)

=> d ti so 1-39

L8 ANSWER 1 OF 39 MEDLINE DUPLICATE 1  
 TI Doxorubicin induces apoptosis and CD95 gene expression in human primary endothelial cells through a p53-dependent mechanism.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Mar 29) 277 (13) 10883-92.  
 Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 2 OF 39 MEDLINE DUPLICATE 2  
 TI Effect of C-terminal deletion of P53 on heat induced CD95 expression and apoptosis in a rat histiocytoma.  
 SO ONCOGENE, (2002 Jun 6) 21 (25) 4042-9.  
 Journal code: 8711562. ISSN: 0950-9232.

L8 ANSWER 3 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI Nuclear and cytoplasmic shuttling of TRADD induces apoptosis via different mechanisms.  
 SO Journal of Cell Biology, (June 10, 2002) Vol. 157, No. 6, pp. 975-984.  
<http://www.jcb.org/>. print.  
 ISSN: 0021-9525.

L8 ANSWER 4 OF 39 MEDLINE  
 TI Subversion of host defense mechanisms by adenoviruses.  
 SO CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, (2002) 269 273-318.  
 Journal code: 0110513. ISSN: 0070-217X.

L8 ANSWER 5 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI WISP-1 attenuates p53-mediated apoptosis in response to DNA damage through activation of the Akt kinase  
 SO Genes & Development (2002), 16(1), 46-57  
 CODEN: GEDEEP; ISSN: 0890-9369

L8 ANSWER 6 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI Large-scale monitoring of expression patterns of p53-regulated gene and

analysis of p53 gene function  
SO U.S., 46 pp., Cont.-in-part of Appl. No. PCT/US98/01206.  
CODEN: USXXAM

L8 ANSWER 7 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC.  
TI Role of death receptor signalling in p53 associated lethal and  
sublethal  
injury to oligodendrocytes.  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp.  
1757.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience  
San  
Diego, California, USA November 10-15, 2001  
ISSN: 0190-5295.

L8 ANSWER 8 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI Pharmacological inhibition of fatty acid synthase activity produces  
both  
cytostatic and cytotoxic effects modulated by p53  
SO Cancer Research (2001), 61(4), 1493-1499  
CODEN: CNREA8; ISSN: 0008-5472

L8 ANSWER 9 OF 39 MEDLINE DUPLICATE 3  
TI Gene therapy for cardiovascular disease: a case for cautious  
optimism.  
SO HYPERTENSION, (2001 Nov) 38 (5) 1210-6. Ref: 74  
Journal code: 7906255. ISSN: 1524-4563.

L8 ANSWER 10 OF 39 MEDLINE DUPLICATE 4  
TI The immune system, apoptosis and apoptosis-related proteins in  
human  
ovarian tumors (a review).  
SO INTERNATIONAL JOURNAL OF ONCOLOGY, (2001 May) 18  
(5) 965-72. Ref: 46  
Journal code: 9306042. ISSN: 1019-6439.

L8 ANSWER 11 OF 39 MEDLINE DUPLICATE 5  
TI p53 upregulates cFLIP, inhibits transcription of  
NF-kappaB-regulated genes and induces caspase-8-independent cell  
death in  
DLD-1 cells.  
SO ONCOGENE, (2001 Feb 1) 20 (5) 571-80.  
Journal code: 8711562. ISSN: 0950-9232.

L8 ANSWER 12 OF 39 MEDLINE DUPLICATE 6  
TI The bcl, NFkappaB and p53/p21WAF1 systems are involved in  
spontaneous  
apoptosis and in the anti-apoptotic effect of TGF-beta or TNF-alpha  
on  
activated hepatic stellate cells.  
SO EUROPEAN JOURNAL OF CELL BIOLOGY, (2001 Aug) 80 (8)  
554-61.  
Journal code: 7906240. ISSN: 0171-9335.

L8 ANSWER 13 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC.  
TI Transactivation-deficient p73alpha (p73DELTAexon2) inhibits  
apoptosis and  
competes with p53.  
SO Oncogene, (25 January, 2001) Vol. 20, No. 4, pp. 514-522. print.  
ISSN: 0950-9232.

L8 ANSWER 14 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI Interaction of human hDaxx with p53 in vivo and in vitro  
SO Weishengwuxue Zazhi (2001), 21(4), 32-34  
CODEN: WEZAER; ISSN: 1005-7021

L8 ANSWER 15 OF 39 MEDLINE DUPLICATE 7  
TI v-Jun sensitizes cells to apoptosis by a mechanism involving  
mitochondrial  
cytochrome C release.  
SO ONCOGENE, (2000 Nov 30) 19 (51) 5906-18.

Journal code: 8711562. ISSN: 0950-9232.

L8 ANSWER 16 OF 39 MEDLINE DUPLICATE 8  
TI p53 is essential for chemotherapy-induced hair loss.  
SO CANCER RESEARCH, (2000 Sep 15) 60 (18) 5002-6.  
Journal code: 2984705R. ISSN: 0008-5472.

L8 ANSWER 17 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI p53 dependence of Fas induction and acute apoptosis in response  
to 5-fluorouracil-leucovorin in human colon carcinoma cell lines  
SO Clinical Cancer Research (2000), 6(11), 4432-4441  
CODEN: CCREF4; ISSN: 1078-0432

L8 ANSWER 18 OF 39 MEDLINE DUPLICATE 9  
TI Cisplatin-induced apoptotic cell death in mouse hybrid neurons is  
blocked  
by antioxidants through suppression of cisplatin-mediated  
accumulation of  
p53 but not of Fas/Fas ligand.  
SO JOURNAL OF NEUROCHEMISTRY, (2000 Sep) 75 (3) 946-53.  
Journal code: 2985190R. ISSN: 0022-3042.

L8 ANSWER 19 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI The function of PML in p53-dependent apoptosis  
SO Nature Cell Biology (2000), 2(10), 730-736  
CODEN: NCBIFN; ISSN: 1465-7392

L8 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI The cell signaling mechanisms of p53 in inhibition of  
neointimal hyperplasia in the rat carotid injury model  
SO Surgical Forum (2000), 51, 388-390  
CODEN: SUFOAX; ISSN: 0071-8041

L8 ANSWER 21 OF 39 MEDLINE DUPLICATE 10  
TI Proteasome activation as a critical event of thymocyte apoptosis.  
SO CELL DEATH AND DIFFERENTIATION, (2000 Apr) 7 (4) 368-  
73.  
Journal code: 9437445. ISSN: 1350-9047.

L8 ANSWER 22 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI Targeted expression of baculovirus p35 caspase inhibitor in  
oligodendrocytes protects mice against autoimmune-mediated  
demyelination  
SO EMBO Journal (2000), 19(3), 341-348  
CODEN: EMJODG; ISSN: 0261-4189

L8 ANSWER 23 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI Thymidylate synthase inhibition induces p53 dependent  
and independent cell death  
SO Advances in Experimental Medicine and Biology (2000),  
486(Purine and  
Pyrimidine Metabolism in Man X), 303-306  
CODEN: AEMBAP; ISSN: 0065-2598

L8 ANSWER 24 OF 39 MEDLINE DUPLICATE 11  
TI Ceramide-induced cell death is independent of the Fas/  
Fas ligand pathway and is prevented by Nur77 overexpression in  
A20  
B cells.  
SO CELL DEATH AND DIFFERENTIATION, (2000 Mar) 7 (3) 262-  
71.  
Journal code: 9437445. ISSN: 1350-9047.

L8 ANSWER 25 OF 39 CAPLUS COPYRIGHT 2002 ACS  
TI Pathways used by adenovirus E1B 19K to inhibit apoptosis  
SO Programmed Cell Death in Animals and Plants (2000), 241-251.  
Editor(s):  
Bryant, John A.; Hughes, Steve G.; Garland, John M. Publisher:  
BIOS  
Scientific Publishers Ltd., Oxford, UK.  
CODEN: 69BQV9

L8 ANSWER 26 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC.

TI Viruses and apoptosis.  
 SO Omston, L. N. [Editor]. Annual Review of Microbiology, (1999)  
 Vol. 53,  
 pp. 577-628. Annual Review of Microbiology.  
 Publisher: Annual Reviews Inc. P.O. Box 10139, 4139 El Camino  
 Way, Palo  
 Alto, California 94306, USA.  
 ISSN: 0066-4227. ISBN: 0-8243-1153-1.

L8 ANSWER 27 OF 39 MEDLINE DUPLICATE 12  
 TI Regulation of acidification and apoptosis by SHP-1 and Bcl-2.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Oct 8) 274  
 (41) 29549-57.  
 Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 28 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI A point mutation of human p53, which was not detected as a  
 mutation by a  
 yeast functional assay, led to apoptosis but not p21 Waf1/Cip1/Sdi1  
 expression in response to ionizing radiation in a human osteosarcoma  
 cell.  
 line, Saos-2  
 SO International Journal of Radiation Oncology, Biology, Physics  
 (1999),  
 45(4), 975-980  
 CODEN: IOBPD3; ISSN: 0360-3016

L8 ANSWER 29 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI Distinct p53-independent apoptotic cell death signalling pathways in  
 testicular germ cell tumor cell lines  
 SO International Journal of Cancer (1999), 81(4), 620-628  
 CODEN: IJCNW; ISSN: 0020-7136

L8 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI Apoptosis of neoplasm cell lines induced by hepatic peptides  
 extracted  
 from sucking porcine hepatocytes  
 SO World Journal of Gastroenterology (1999), 5(5), 435-439  
 CODEN: WJGAF2; ISSN: 1007-9327

L8 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI p53-mediated up-regulation of CD95 is not involved in genotoxic  
 drug-induced apoptosis of human breast tumor cells  
 SO Cell Death and Differentiation (1999), 6(3), 271-280  
 CODEN: CDDIEK; ISSN: 1350-9047

L8 ANSWER 32 OF 39 MEDLINE DUPLICATE 13  
 TI Inhibition of the p53 tumor suppressor gene results in  
 growth of human aortic vascular smooth muscle cells. Potential role  
 of p53  
 in regulation of vascular smooth muscle cell growth.  
 SO HYPERTENSION, (1999 Aug) 34 (2) 192-200.  
 Journal code: 7906255. ISSN: 0194-911X.

L8 ANSWER 33 OF 39 MEDLINE DUPLICATE 14  
 TI Contributions of p53 and PMA to gamma-irradiation induced  
 apoptosis in  
 Jurkat cells.  
 SO HEMATOLOGY AND CELL THERAPY, (1999 Aug) 41 (4) 153-  
 61.  
 Journal code: 9613253. ISSN: 1269-3286.

L8 ANSWER 34 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
 ABSTRACTS INC.  
 TI Signaling mechanisms of p53 in inhibition of  
 neointimal hyperplasia in the rat carotid injury model.  
 SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. I.108.  
 Meeting Info.: 72nd Scientific Sessions of the American Heart  
 Association  
 Atlanta, Georgia, USA November 7-10, 1999  
 ISSN: 0009-7322.

L8 ANSWER 35 OF 39 MEDLINE DUPLICATE 15  
 TI Dexamethasone-mediated protection from drug cytotoxicity:

association with  
 p21 WAF1/CIP1 protein accumulation?  
 SO ONCOGENE, (1998 Sep 24) 17 (12) 1567-75.  
 Journal code: 8711562. ISSN: 0950-9232.

L8 ANSWER 36 OF 39 CAPLUS COPYRIGHT 2002 ACS  
 TI p53 modulation of Fas/Apo-1 mediated  
 apoptosis in a human renal cell carcinoma cell line  
 SO International Journal of Oncology (1998), 12(2), 469-473  
 CODEN: IJONES; ISSN: 1019-6439

L8 ANSWER 37 OF 39 MEDLINE DUPLICATE 16  
 TI Transcription abnormalities potentiate apoptosis of normal human  
 fibroblasts.  
 SO MOLECULAR MEDICINE, (1997 Dec) 3 (12) 852-63.  
 Journal code: 9501023. ISSN: 1076-1551.

L8 ANSWER 38 OF 39 MEDLINE  
 TI [Apoptosis or programmed cell death: regulatory and  
 pathophysiological  
 mechanisms].  
 Apoptosi, o morte cellulare programmata: meccanismi regolatori e  
 fisiopatologia.  
 SO ANNALI ITALIANI DI MEDICINA INTERNA, (1995 Jan-Mar)  
 10 (1) 7-13. Ref: 45  
 Journal code: 8806705. ISSN: 0393-9340.

L8 ANSWER 39 OF 39 MEDLINE DUPLICATE 17  
 TI Abrogation of p53-induced apoptosis by the hepatitis B virus X  
 gene.  
 SO CANCER RESEARCH, (1995 Dec 15) 55 (24) 6012-6.  
 Journal code: 2984705R. ISSN: 0008-5472.

=> d his

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FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON  
 18 SEP 2002

L1 3466 S INHIBIT?(2A)P53  
 L2 2682216 S CLINIC?  
 L3 212 S L1 AND L2  
 L4 146 DUP REM L3 (66 DUPLICATES REMOVED)  
 L5 32435 S APO-1 OR FAS OR CD95  
 L6 4 S L4 AND L5  
 L7 72 S L1 AND L5  
 L8 39 DUP REM L7 (33 DUPLICATES REMOVED)

=> s 14 not py>1998

L9 61 L4 NOT PY>1998

=> d ti so 1-10

L9 ANSWER 1 OF 61 MEDLINE  
 TI A clinicopathological study of p53, p21 (WAF1/CIP1) and cyclin  
 D1 expression in human prostate cancers.  
 SO UROLOGIA INTERNATIONALIS, (1998) 61 (2) 90-4.  
 Journal code: 0417373. ISSN: 0042-1138.

L9 ANSWER 2 OF 61 MEDLINE  
 TI pRb and p16 protein alterations in human oral tumorigenesis.  
 SO ORAL ONCOLOGY, (1998 Sep) 34 (5) 396-403.  
 Journal code: 9709118. ISSN: 1368-8375.

L9 ANSWER 3 OF 61 MEDLINE  
 TI bcl-2 and p53 expression in resectable pancreatic adenocarcinomas:  
 association with clinical outcome.  
 SO CLINICAL CANCER RESEARCH, (1996 Dec) 2 (12) 2015-22.  
 Journal code: 9502500. ISSN: 1078-0432.

L9 ANSWER 4 OF 61 MEDLINE  
 TI Systemic gene therapy with p53 inhibits breast cancer:  
 recent advances and therapeutic implications.

SO FRONTIERS IN BIOSCIENCE, (1998 Sep 15) 3 D997-D1004.  
Ref: 68

Journal code: 9702166. ISSN: 1093-4715.

L9 ANSWER 5 OF 61 MEDLINE

TI Involvement of the mismatch repair system in temozolomide-induced apoptosis.

SO MOLECULAR PHARMACOLOGY, (1998 Aug) 54 (2) 334-41.  
Journal code: 0035623. ISSN: 0026-895X.

L9 ANSWER 6 OF 61 MEDLINE

TI Expression of bcl-2 in fetal thymus, thymomas and thymic carcinomas.

Association with p53 expression and review of the literature.

SO APMIS, (1998 Apr) 106 (4) 449-55.  
Journal code: 8803400. ISSN: 0903-4641.

L9 ANSWER 7 OF 61 MEDLINE

TI Immunohistochemical and mutational analysis of the p53 tumour suppressor gene and the bcl-2 oncogene in primary testicular germ cell tumours.

SO APMIS, (1998 Jan) 106 (1) 90-9; discussion 99-100.  
Journal code: 8803400. ISSN: 0903-4641.

L9 ANSWER 8 OF 61 MEDLINE

TI Interactions between steroid hormones and viral oncogenes in the pathogenesis of cervical cancer.

SO VERHANDLUNGEN DER DEUTSCHEN GESELLSCHAFT FUR PATHOLOGIE, (1997) 81 233-9.  
Ref: 38

Journal code: 7503704. ISSN: 0070-4113.

L9 ANSWER 9 OF 61 MEDLINE

TI MIB-1 expression in breast carcinomas with medullary features. An immunohistological study including correlations with p53 and bcl-2.

SO VIRCHOWS ARCHIV, (1997 Aug) 431 (2) 125-30.  
Journal code: 9423843. ISSN: 0945-6317.

L9 ANSWER 10 OF 61 MEDLINE

TI MDM-2 oncoprotein overexpression in laryngeal squamous cell carcinoma:

association with wild-type p53 accumulation.

SO MODERN PATHOLOGY, (1997 Aug) 10 (8) 785-92.  
Journal code: 8806605. ISSN: 0893-3952.

=> d ti so 11-20

L9 ANSWER 11 OF 61 MEDLINE

TI [Tumor suppressor gene p53--function and significance in gastroenterology].  
Das Tumorsuppressorgen p53--Funktion und Bedeutung in der Gastroenterologie.

SO ZEITSCHRIFT FUR GASTROENTEROLOGIE, (1997 Jun) 35 (6) 491-509. Ref: 153  
Journal code: 0033370. ISSN: 0044-2771.

L9 ANSWER 12 OF 61 MEDLINE

TI MDM2 gene amplification and expression in non-small-cell lung cancer:

immunohistochemical expression of its protein is a favourable prognostic

marker in patients without p53 protein accumulation.

SO BRITISH JOURNAL OF CANCER, (1997) 75 (9) 1302-8.  
Journal code: 0370635. ISSN: 0007-0920.

L9 ANSWER 13 OF 61 MEDLINE

TI The expression of waf-1, p53 and bcl-2 in prostatic adenocarcinoma.

SO BRITISH JOURNAL OF UROLOGY, (1997 Feb) 79 (2) 190-5.  
Journal code: 15740090R. ISSN: 0007-1331.

L9 ANSWER 14 OF 61 MEDLINE

TI Parenteral gene therapy with p53 inhibits human breast

tumors in vivo through a bystander mechanism without evidence of toxicity.

SO HUMAN GENE THERAPY, (1997 Jan 20) 8 (2) 177-85.  
Journal code: 9008950. ISSN: 1043-0342.

L9 ANSWER 15 OF 61 MEDLINE

TI Adenovirus-mediated gene transfer of wild-type p53 results in melanoma

cell apoptosis in vitro and in vivo.

SO INTERNATIONAL JOURNAL OF CANCER, (1995 Nov 27) 63 (5) 673-9.

Journal code: 0042124. ISSN: 0020-7136.

L9 ANSWER 16 OF 61 MEDLINE

TI p53 gene mutations, p53 protein accumulation and compartmentalization in colorectal adenocarcinoma.

SO AMERICAN JOURNAL OF PATHOLOGY, (1995 Sep) 147 (3) 790-8.

Journal code: 0370502. ISSN: 0002-9440.

L9 ANSWER 17 OF 61 MEDLINE

TI Karyomegalic interstitial nephritis: further support for a distinct entity

and evidence for a genetic defect.

SO AMERICAN JOURNAL OF KIDNEY DISEASES, (1995 Feb) 25 (2) 242-52.

Journal code: 8110075. ISSN: 0272-6386.

L9 ANSWER 18 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI MDM2 and p21-WAF1/CIP1, wild-type P53-induced proteins are regularly

expressed by Sternberg-Reed cells in Hodgkin's disease.

SO Journal of Pathology, (1996) Vol. 180, No. 1, pp. 58-64.  
ISSN: 0022-3417.

L9 ANSWER 19 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Analysis of genomic instability in Li-Fraumeni fibroblasts with germline

p53 mutations.

SO Oncogene, (1996) Vol. 12, No. 11, pp. 2267-2278.  
ISSN: 0950-9232.

L9 ANSWER 20 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Role of p53 in leukemogenesis of chronic myeloid leukemia.

SO Stem Cells (Dayton), (1995) Vol. 13, No. 4, pp. 445-452.  
ISSN: 1066-5099.

=> d ti so 21-30

L9 ANSWER 21 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI A proliferative p53-responsive element mediates tumor necrosis factor

alpha induction of the human immunodeficiency virus type 1 long terminal

repeat.

SO Molecular and Cellular Biology, (1995) Vol. 15, No. 6, pp. 3450-3459.  
ISSN: 0270-7306.

L9 ANSWER 22 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI T antigen of SV40 blocks p53 transactivation but not p53 specific binding

to DNA.

SO International Journal of Oncology, (1994) Vol. 5, No. 4, pp. 945-953.

ISSN: 1019-6439.

L9 ANSWER 23 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Transcriptional antagonism between p53 and SV40 T antigen.  
SO International Journal of Oncology, (1995) Vol. 6, No. 1, pp. 243-249.

ISSN: 1019-6439.

L9 ANSWER 24 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Detection of MDM2-proto-oncogene in paraffin embedded human bronchial

epithelium.

SO Journal of Cancer Research and Clinical Oncology, (1994) Vol. 120, No. 4,

pp. 252-255.

ISSN: 0171-5216.

L9 ANSWER 25 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Binding of cellular proteins to a conformational domain of tumor suppressor protein p53.

SO Oncogene, (1993) Vol. 8, No. 12, pp. 3421-3426.

ISSN: 0950-9232.

L9 ANSWER 26 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Retrovirus-mediated transfer of wild-type p53 gene inhibits TGF-alpha-dependent growth of human lung cancer spheroids.

SO Journal of Cellular Biochemistry Supplement, (1993) Vol. 0, No. 17 PART E,

pp. 196.

Meeting Info.: Keystone Symposium on Genetically Targeted Research and

Therapeutics: Antisense and Gene Therapy Keystone, Colorado,

USA April

12-18, 1993

ISSN: 0733-1959.

L9 ANSWER 27 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Wild-type mouse p53 down-regulates transcription from different virus

enhancer/promoters.

SO Oncogene, (1993) Vol. 8, No. 3, pp. 589-597.

ISSN: 0950-9232.

L9 ANSWER 28 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Abrogation of p53-mediated transactivation by SV40 large T antigen.

SO Oncogene, (1993) Vol. 8, No. 3, pp. 543-548.

ISSN: 0950-9232.

L9 ANSWER 29 OF 61 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI EBV/C3d receptor (CR2) interacts by its intracytoplasmic carboxy-terminal

domain and two distinct binding sites with the p53 anti-oncoprotein and

the p68 calcium-binding protein.

SO Journal of Immunology, (1992) Vol. 149, No. 10, pp. 3232-3238.

ISSN: 0022-1767.

L9 ANSWER 30 OF 61 CAPLUS COPYRIGHT 2002 ACS

TI Immunohistochemical studies of p53 and p21/WAF1/Cip1 proteins in recurrent

and non-recurrent meningiomas

SO Mie Medical Journal (1998), 48(1-3), 27-34

CODEN: MMJJAI; ISSN: 0026-3532

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L1 3466 S INHIBIT?(2A)P53

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L7 72 S L1 AND L5

L8 39 DUP REM L7 (33 DUPLICATES REMOVED)

L9 61 S L4 NOT PY>1998

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FULL ESTIMATED COST

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LOGINID:SSSPTA1636DXS

PASSWORD:

\*\*\*\*\* RECONNECTED TO STN INTERNATIONAL \*\*\*\*\*

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ENTRY SESSION

FULL ESTIMATED COST

67.25 67.46

=> d his

(FILE 'HOME' ENTERED AT 09:27:56 ON 18 SEP 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON 18 SEP 2002

L1 3466 S INHIBIT?(2A)P53

L2 2682216 S CLINIC?

L3 212 S L1 AND L2

L4 146 DUP REM L3 (66 DUPLICATES REMOVED)

L5 32435 S APO-1 OR FAS OR CD95

L6 4 S L4 AND L5

L7 72 S L1 AND L5

L8 39 DUP REM L7 (33 DUPLICATES REMOVED)

L9 61 S L4 NOT PY>1998

=> s autoimmune

L10 117 AUTOIMMUN

=> s autoimmune

L11 131301 AUTOIMMUNE

=> s l1 and l11

L12 8 L1 AND L11

=> dup rem l12

PROCESSING COMPLETED FOR L12

L13 7 DUP REM L12 (1 DUPLICATE REMOVED)

=> d ti so 1-7

L13 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS  
TI Membrane derived caspase-3 and its use in drug screening for effectors of apoptosis in treatment of **autoimmune** diseases, cancer and infections  
SO PCT Int. Appl., 87 pp.  
CODEN: PIXXD2

L13 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS  
TI Targeted expression of baculovirus p35 caspase inhibitor in oligodendrocytes protects mice against **autoimmune**-mediated demyelination  
SO EMBO Journal (2000), 19(3), 341-348  
CODEN: EMJODG; ISSN: 0261-4189

L13 ANSWER 3 OF 7 MEDLINE DUPLICATE 1  
TI Anti-p53 antibodies are rarely detected in serum of patients with rheumatoid arthritis and Sjogren's syndrome.  
SO JOURNAL OF RHEUMATOLOGY, (1999 Aug) 26 (8) 1672-5.  
Journal code: 7501984. ISSN: 0315-162X.

L13 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS  
TI p53 and p21WAF1 expression in lymphocytic thyroiditis and thyroid tumors  
SO Clinical Immunology and Immunopathology (1998), 88(2), 183-191  
CODEN: CLIIAT; ISSN: 0090-1229

L13 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS  
TI Interaction of p53 with transcription factors DP-1 or E2F and the inhibition of E2F-dependent transcription  
SO PCT Int. Appl., 36 pp.  
CODEN: PIXXD2

L13 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS  
TI p53 proteins with altered tetramerization domains, resistance to onco-  
**p53 inhibition** and restricted DNA binding and their therapeutic uses  
SO PCT Int. Appl., 122 pp.  
CODEN: PIXXD2

L13 ANSWER 7 OF 7 MEDLINE  
TI [Apoptosis or programmed cell death: regulatory and pathophysiological mechanisms].  
Apoptosi, o morte cellulare programmata: meccanismi regolatori e fisiopatologia.  
SO ANNALI ITALIANI DI MEDICINA INTERNA, (1995 Jan-Mar) 10 (1) 7-13. Ref: 45  
Journal code: 8806705. ISSN: 0393-9340.

=> s p53

L14 78333 P53

=> s his

L15 180990 HIS

=> d his

(FILE 'HOME' ENTERED AT 09:27:56 ON 18 SEP 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON

18 SEP 2002

L1 3466 S INHIBIT?(2A)P53

L2 2682216 S CLINIC?

L3 212 S L1 AND L2

L4 146 DUP REM L3 (66 DUPLICATES REMOVED)

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L6 4 S L4 AND L5

L7 72 S L1 AND L5

L8 39 DUP REM L7 (33 DUPLICATES REMOVED)  
L9 61 S L4 NOT PY>1998  
L10 117 S AUTOIMMUN  
L11 131301 S AUTOIMMUNE  
L12 8 S L1 AND L11  
L13 7 DUP REM L12 (1 DUPLICATE REMOVED)  
L14 78333 S P53  
L15 180990 S HIS

=> s l5 and l15

L16 81 L5 AND L15

=> s l5 and l14

L17 1665 L5 AND L14

=> s l17 and l11

L18 52 L17 AND L11

=> dup rem l18

PROCESSING COMPLETED FOR L18

L19 34 DUP REM L18 (18 DUPLICATES REMOVED)

=> d ti so 1-34

L19 ANSWER 1 OF 34 MEDLINE DUPLICATE 1  
TI P53 and Fas are sequential mechanisms of testicular germ cell apoptosis.  
SO JOURNAL OF ANDROLOGY, (2002 Jan-Feb) 23 (1) 64-70.  
Journal code: 8106453. ISSN: 0196-3635.

L19 ANSWER 2 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Cell death (apoptosis, programmed cell death).  
SO TheScientificWorldJOURNAL, (Feb, 2002) Vol. 1, No. Cited April 4, 2002, pp. 41-44. <http://216.25.253.202/TSWJaudit/pdf/2002.21.161.pdf>  
cited April 24, 2002 <http://www.thescientificworld.com/publications/default.asp>.  
online.  
ISSN: 1532-2246.

L19 ANSWER 3 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI The role of apoptosis in **autoimmune** thyroid disorders and thyroid cancer.  
SO BMJ, (23 June, 2001) Vol. 322, No. 7301, pp. 1525-1527. print.  
ISSN: 0959-8138.

L19 ANSWER 4 OF 34 MEDLINE DUPLICATE 2  
TI Human polyspecific immunoglobulin for therapeutic use induces p21/WAF-1 and Bcl-2, which may be responsible for G1 arrest and long-term survival.  
SO HUMAN IMMUNOLOGY, (2001 Mar) 62 (3) 215-27.  
Journal code: 8010936. ISSN: 0198-8859.

L19 ANSWER 5 OF 34 MEDLINE DUPLICATE 3  
TI Mutations in apoptosis genes: a pathogenetic factor for human disease.  
SO MUTATION RESEARCH, (2001 Jul) 488 (3) 211-31. Ref: 186  
Journal code: 0400763. ISSN: 0027-5107.

L19 ANSWER 6 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Apoptosis in diseases of the liver.  
SO Critical Reviews in Clinical Laboratory Sciences, (April, 2001) Vol. 38, No. 2, pp. 109-166. print.  
ISSN: 1040-8363.

L19 ANSWER 7 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Calorie restriction inhibits lymphoproliferative disease in **fas**-deficient Mrl/lpr mice by increasing apoptosis via a **p53**

pathway augmented by adrenocorticosteroids.  
SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A63. print  
Meeting Info.: Annual Meeting of the Federation of American  
Societies for  
Experimental Biology on Experimental Biology 2001 Orlando,  
Florida, USA  
March 31-April 04, 2001  
ISSN: 0892-6638.

L19 ANSWER 8 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Therapeutic applications of pro-apoptotic benzodiazepines  
SO PCT Int. Appl., 112 pp.  
CODEN: PIXXD2

L19 ANSWER 9 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI An internal ribosome entry site from the X-linked inhibitor of  
apoptosis  
gene and its uses  
SO PCT Int. Appl., 87 pp.  
CODEN: PIXXD2

L19 ANSWER 10 OF 34 MEDLINE DUPLICATE 4  
TI A mathematical model of caspase function in apoptosis.  
SO NATURE BIOTECHNOLOGY, (2000 Jul) 18 (7) 768-74.  
Journal code: 9604648. ISSN: 1087-0156.

L19 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Targeted expression of baculovirus p35 caspase inhibitor in  
oligodendrocytes protects mice against autoimmune-mediated  
demyelination  
SO EMBO Journal (2000), 19(3), 341-348  
CODEN: EMJODG; ISSN: 0261-4189

L19 ANSWER 12 OF 34 MEDLINE DUPLICATE 5  
TI Apoptosis and the liver.  
SO SEMINARS IN CANCER BIOLOGY, (2000 Jun) 10 (3) 173-84.  
Ref: 189  
Journal code: 9010218. ISSN: 1044-579X.

L19 ANSWER 13 OF 34 MEDLINE DUPLICATE 6  
TI A role for E2F1 in the induction of apoptosis during thymic negative  
selection.  
SO CELL GROWTH AND DIFFERENTIATION, (2000 Feb) 11 (2)  
91-8.  
Journal code: 9100024. ISSN: 1044-9523.

L19 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Gene probes used for genetic profiling in healthcare screening and  
planning  
SO PCT Int. Appl., 745 pp.  
CODEN: PIXXD2

L19 ANSWER 15 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Gene probes used for genetic profiling in healthcare screening and  
planning  
SO PCT Int. Appl., 149 pp.  
CODEN: PIXXD2

L19 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Defense mechanism of cancer in apoptosis  
SO Baiosaiensu to Indasutori (1999), 57(3), 161-166  
CODEN: BIDSE6; ISSN: 0914-8981

L19 ANSWER 17 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC. DUPLICATE  
7  
TI Apoptosis and autoimmunity.  
SO EOS-Rivista di Immunologia ed Immunofarmacologia, (1999) Vol.  
19, No. 3-4,  
pp. 88-97. print.  
ISSN: 0392-6699.

L19 ANSWER 18 OF 34 MEDLINE DUPLICATE 8  
TI Gender- and androgen-related influence on the expression of proto-

oncogene  
and apoptotic factor mRNAs in lacrimal glands of autoimmune and  
non-autoimmune mice.  
SO JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR  
BIOLOGY, (1999 Nov) 71 (1-2)  
49-61.  
Journal code: 9015483. ISSN: 0960-0760.

L19 ANSWER 19 OF 34 MEDLINE  
TI The role of apoptosis in the pathogenesis of canine  
keratoconjunctivitis  
sicca: the effect of topical Cyclosporin A therapy.  
SO CORNEA, (1998 Nov) 17 (6) 654-63.  
Journal code: 8216186. ISSN: 0277-3740.

L19 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Gender- and androgen-related impact on the expression of proto-  
oncogenes  
and apoptotic factors in lacrimal and salivary glands of mouse models  
of  
Sjogren's syndrome  
SO Advances in Experimental Medicine and Biology (1998),  
438(Lacrimal Gland,  
Tear Film, and Dry Eye Syndromes 2), 447-452  
CODEN: AEMBAP; ISSN: 0065-2598

L19 ANSWER 21 OF 34 MEDLINE DUPLICATE 9  
TI Gender and androgen treatment influence the expression of proto-  
oncogenes  
and apoptotic factors in lacrimal and salivary tissues of MRL/lpr  
mice.  
SO CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY,  
(1998 Jan) 86 (1) 59-71.  
Journal code: 0356637. ISSN: 0090-1229.

L19 ANSWER 22 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC.  
TI Apoptosis: A brief review.  
SO Journal of Clinical Ligand Assay, (Spring, 1998) Vol. 21, No. 1,  
pp.  
58-61.  
ISSN: 1081-1672.

L19 ANSWER 23 OF 34 MEDLINE DUPLICATE 10  
TI The effect of human polyclonal anti-dsDNA autoantibodies on  
apoptotic gene  
expression in cultured rat glomerular mesangial cells.  
SO SCANDINAVIAN JOURNAL OF RHEUMATOLOGY, (1998) 27  
(1) 54-60.  
Journal code: 0321213. ISSN: 0300-9742.

L19 ANSWER 24 OF 34 CAPLUS COPYRIGHT 2002 ACS  
TI Therapy for cellular accumulation in chronic inflammatory diseases,  
and  
diagnostic methods for cellular accumulation diseases  
SO PCT Int. Appl., 60 pp.  
CODEN: PIXXD2

L19 ANSWER 25 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL  
ABSTRACTS INC.  
TI Increased DNA damage associated with decreased apoptosis in  
autoimmune SHPTP1-deficient motheaten mice.  
SO Arthritis & Rheumatism, (Sept., 1997) Vol. 40, No. 9 SUPPL., pp.  
S122.  
Meeting Info.: 61st National Scientific Meeting of the American  
College of  
Rheumatology and the 32nd National Scientific Meeting of the  
Association  
of Rheumatology Health Professionals Washington, DC, USA  
November 8-12,  
1997 Association of Rheumatology Health Professionals  
. ISSN: 0004-3591.

L19 ANSWER 26 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL

# ABSTRACTS INC.

TI Apoptosis: An important stage in the pathogenetic assessment of the immune status.

SO Klinicheskaya Laboratornaya Diagnostika, (1997) Vol. 0, No. 7, pp. 31-35.  
ISSN: 0869-2084.

L19 ANSWER 27 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Apoptosis in systemic scleroderma.

SO Journal of Investigative Dermatology, (1996) Vol. 106, No. 4, pp. 894.

Meeting Info.: Annual Meeting of the Society for Investigative Dermatology  
Washington, D.C., USA May 1-5, 1996  
ISSN: 0022-202X.

L19 ANSWER 28 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Gender- and androgen-related influence on the expression of Fas antigen, bcl-2, c-myc, c-myb and p53 mRNA in lacrimal tissues of autoimmune and non-autoimmune mice.

SO Investigative Ophthalmology & Visual Science, (1996) Vol. 37, No. 3, pp. S856.

Meeting Info.: 1996 Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida, USA April 21-26, 1996  
ISSN: 0146-0404.

L19 ANSWER 29 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Apoptosis, oncogenes and autoimmune diseases.

SO Revista Espanola de Reumatologia, (1996) Vol. 23, No. 7, pp. 285-294.

ISSN: 0304-4815.

L19 ANSWER 30 OF 34 MEDLINE DUPLICATE 11  
TI The role of programmed cell death as an emerging new concept for the pathogenesis of autoimmune diseases.

SO CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (1996 Sep) 80 (3 Pt 2) S2-14.

Ref: 103

Journal code: 0356637. ISSN: 0090-1229.

L19 ANSWER 31 OF 34 MEDLINE

TI [Apoptosis or programmed cell death: regulatory and pathophysiological mechanisms].

Apoptosi, o morte cellulare programmata: meccanismi regolatori e fisiopatologia.

SO ANNALI ITALIANI DI MEDICINA INTERNA, (1995 Jan-Mar) 10 (1) 7-13. Ref: 45

Journal code: 8806705. ISSN: 0393-9340.

L19 ANSWER 32 OF 34 MEDLINE

TI [Apoptosis--programmed cell death].

Apoptoza--programovana smrt bunky.

SO CASOPIS LEKARU CESKYCH, (1995 May 3) 134 (9) 259-64. Ref: 62

Journal code: 0004743. ISSN: 0008-7335.

L19 ANSWER 33 OF 34 MEDLINE

TI Autoimmune disease. A problem of defective apoptosis.

SO ARTHRITIS AND RHEUMATISM, (1994 Oct) 37 (10) 1415-20. Ref: 62

Journal code: 0370605. ISSN: 0004-3591.

L19 ANSWER 34 OF 34 MEDLINE

TI Concluding remarks: autogenes and oncogenes.

SO CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY,

(1994 Aug) 72 (2) 208-9. Ref: 15

Journal code: 0356637. ISSN: 0090-1229.

=> d ibib ab 3,6,30

L19 ANSWER 3 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2001:356860 BIOSIS

DOCUMENT NUMBER: PREV200100356860

TITLE: The role of apoptosis in autoimmune thyroid disorders and thyroid cancer.

AUTHOR(S): Lin, Jen-Der (1)

CORPORATE SOURCE: (1) Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Chang

Gung

University, 5 Fu-Shin Street, Kweishan County, Taoyuan, Taoyuan Hsien: einjd@adm.cgmh.com.tw Taiwan

SOURCE: BMJ, (23 June, 2001) Vol. 322, No. 7301, pp. 1525-1527.

print.

ISSN: 0959-8138.

DOCUMENT TYPE: General Review

LANGUAGE: English

SUMMARY LANGUAGE: English

L19 ANSWER 6 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

ACCESSION NUMBER: 2001:269277 BIOSIS

DOCUMENT NUMBER: PREV200100269277

TITLE: Apoptosis in diseases of the liver.

AUTHOR(S): Neuman, Manuela G. (1)

CORPORATE SOURCE: (1) Department of Clinical Pharmacology, Sunnybrook and Women's College Health Sciences Centre, 2075 Bayview

Ave.,

Room E242, Toronto, Ontario, M4N 3M5 Canada

SOURCE: Critical Reviews in Clinical Laboratory Sciences, (April,

2001) Vol. 38, No. 2, pp. 109-166. print.

ISSN: 1040-8363.

DOCUMENT TYPE: General Review

LANGUAGE: English

SUMMARY LANGUAGE: English

L19 ANSWER 30 OF 34 MEDLINE DUPLICATE 11

ACCESSION NUMBER: 96406971 MEDLINE

DOCUMENT NUMBER: 96406971 PubMed ID: 8811058

TITLE: The role of programmed cell death as an emerging new concept for the pathogenesis of autoimmune diseases.

AUTHOR: Mountz J D; Zhou T; Su X; Wu J; Cheng J

CORPORATE SOURCE: Department of Medicine, University of Alabama at

Birmingham, USA.

SOURCE: CLINICAL IMMUNOLOGY AND

IMMUNOPATHOLOGY, (1996 Sep) 80 (3

Pt 2) S2-14. Ref: 103

Journal code: 0356637. ISSN: 0090-1229.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199610

ENTRY DATE: Entered STN: 19961106

Last Updated on STN: 19961106

Entered Medline: 19961024

AB Activation-induced apoptosis is a primary mechanism for downmodulation of

an immune response leading to immune homeostasis and deletion of T cells



with specificities which may be harmful. These include deletion of T cells with self-specificities (autospecific) and excessively high affinity for foreign antigen which may lead to an excessively heightened immune response and septic shock. Surface molecules involved in activation-induced apoptosis involve Fas and Fas ligand (FasL), as well as the T-cell receptor (TCR) which modulates the expression and function of these molecules. Fas signaling mechanisms include the hematopoietic cell phosphatase (HCP) and sphingomyelinase, while TCR-signaling mechanisms include Nur77 and fyn kinase and unknown molecules that modulate expression of FasL. Apoptosis signals are further modulated by inhibitors or inducers of apoptosis including Bcl-2, p53, and interleukin-1 beta converting enzyme (ICE). Further understanding of the interaction of these molecules in autoimmune disease may lead to more specific therapies for immunosuppression tailored to the genetic or environmentally induced, activation-induced apoptosis defect in patients.

=> d his

(FILE 'HOME' ENTERED AT 09:27:56 ON 18 SEP 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON 18 SEP 2002  
 L1 3466 S INHIBIT?(2A)P53  
 L2 2682216 S CLINIC?  
 L3 212 S L1 AND L2  
 L4 146 DUP REM L3 (66 DUPLICATES REMOVED)  
 L5 32435 S APO-1 OR FAS OR CD95  
 L6 4 S L4 AND L5  
 L7 72 S L1 AND L5  
 L8 39 DUP REM L7 (33 DUPLICATES REMOVED)  
 L9 61 S L4 NOT PY>1998  
 L10 117 S AUTOIMMUN  
 L11 131301 S AUTOIMMUNE  
 L12 8 S L1 AND L11  
 L13 7 DUP REM L12 (1 DUPLICATE REMOVED)  
 L14 78333 S P53  
 L15 180990 S HIS  
 L16 81 S L5 AND L15  
 L17 1665 S L5 AND L14  
 L18 52 S L17 AND L11  
 L19 34 DUP REM L18 (18 DUPLICATES REMOVED)

=> log hold

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	SESSION	TOTAL
FULL ESTIMATED COST		113.75	113.96	

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 10:00:19 ON 18 SEP 2002

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1636DXS

PASSWORD:

\*\*\*\*\* RECONNECTED TO STN INTERNATIONAL \*\*\*\*\*  
 SESSION RESUMED IN FILE 'MEDLINE, BIOSIS, CAPLUS' AT 10:02:35 ON 18 SEP 2002  
 FILE 'MEDLINE' ENTERED AT 10:02:35 ON 18 SEP 2002  
 FILE 'BIOSIS' ENTERED AT 10:02:35 ON 18 SEP 2002  
 COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)  
 FILE 'CAPLUS' ENTERED AT 10:02:35 ON 18 SEP 2002

COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	SESSION	TOTAL
FULL ESTIMATED COST		113.75	113.96	

=> d his

(FILE 'HOME' ENTERED AT 09:27:56 ON 18 SEP 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON 18 SEP 2002  
 L1 3466 S INHIBIT?(2A)P53  
 L2 2682216 S CLINIC?  
 L3 212 S L1 AND L2  
 L4 146 DUP REM L3 (66 DUPLICATES REMOVED)  
 L5 32435 S APO-1 OR FAS OR CD95  
 L6 4 S L4 AND L5  
 L7 72 S L1 AND L5  
 L8 39 DUP REM L7 (33 DUPLICATES REMOVED)  
 L9 61 S L4 NOT PY>1998  
 L10 117 S AUTOIMMUN  
 L11 131301 S AUTOIMMUNE  
 L12 8 S L1 AND L11  
 L13 7 DUP REM L12 (1 DUPLICATE REMOVED)  
 L14 78333 S P53  
 L15 180990 S HIS  
 L16 81 S L5 AND L15  
 L17 1665 S L5 AND L14  
 L18 52 S L17 AND L11  
 L19 34 DUP REM L18 (18 DUPLICATES REMOVED)

=> s virus or viral

L20 1370274 VIRUS OR VIRAL

=> s l1 and l20

L21 763 L1 AND L20

<-----User Break----->

u

=> s l21 and l5

L22 10 L21 AND L5

=> dup rem l22

PROCESSING COMPLETED FOR L22

L23 6 DUP REM L22 (4 DUPLICATES REMOVED)

=> d ti so 1-6

L23 ANSWER 1 OF 6 MEDLINE

TI Subversion of host defense mechanisms by adenoviruses.

SO CURRENT TOPICS IN MICROBIOLOGY AND

IMMUNOLOGY, (2002) 269 273-318.

Journal code: 0110513. ISSN: 0070-217X.

L23 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

TI Interaction of human hDaxx with p53 in vivo and in vitro

SO Weishengwuxue Zazhi (2001), 21(4), 32-34

CODEN: WEZAER; ISSN: 1005-7021

L23 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI v-Jun sensitizes cells to apoptosis by a mechanism involving mitochondrial

cytochrome C release.

SO Oncogene, (30 November, 2000) Vol. 19, No. 51, pp. 5906-5918.

print.

ISSN: 0950-9232.

L23 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Viruses and apoptosis.

SO Ornston, L. N. [Editor]. Annual Review of Microbiology, (1999) Vol. 53,

pp. 577-628. Annual Review of Microbiology.  
Publisher: Annual Reviews Inc. P.O. Box 10139, 4139 El Camino  
Way, Palo  
Alto, California 94306, USA.  
ISSN: 0066-4227. ISBN: 0-8243-1153-1.

L23 ANSWER 5 OF 6 MEDLINE DUPLICATE 1  
TI **Inhibition of the p53 tumor suppressor gene results in**  
growth of human aortic vascular smooth muscle cells. Potential role  
of p53  
in regulation of vascular smooth muscle cell growth.  
SO HYPERTENSION, (1999 Aug) 34 (2) 192-200.  
Journal code: 7906255. ISSN: 0194-911X.

L23 ANSWER 6 OF 6 MEDLINE DUPLICATE 2  
TI Abrogation of p53-induced apoptosis by the hepatitis B virus X  
gene.  
SO CANCER RESEARCH, (1995 Dec 15) 55 (24) 6012-6.  
Journal code: 2984705R. ISSN: 0008-5472.

=> d ti so 5,6

L23 ANSWER 5 OF 6 MEDLINE DUPLICATE 1  
TI **Inhibition of the p53 tumor suppressor gene results in**  
growth of human aortic vascular smooth muscle cells. Potential role  
of p53  
in regulation of vascular smooth muscle cell growth.  
SO HYPERTENSION, (1999 Aug) 34 (2) 192-200.  
Journal code: 7906255. ISSN: 0194-911X.

L23 ANSWER 6 OF 6 MEDLINE DUPLICATE 2  
TI Abrogation of p53-induced apoptosis by the hepatitis B virus X  
gene.  
SO CANCER RESEARCH, (1995 Dec 15) 55 (24) 6012-6.  
Journal code: 2984705R. ISSN: 0008-5472.

=> d ibib ab 5,6

L23 ANSWER 5 OF 6 MEDLINE DUPLICATE 1  
ACCESSION NUMBER: 1999384023 MEDLINE  
DOCUMENT NUMBER: 99384023 PubMed ID: 10454440  
TITLE: **Inhibition of the p53 tumor suppressor**  
gene results in growth of human aortic vascular smooth  
muscle cells. Potential role of p53 in regulation of  
vascular smooth muscle cell growth.  
AUTHOR: Aoki M; Morishita R; Matsushita H; Hayashi S;  
Nakagami H;  
Yamamoto K; Moriguchi A; Kaneda Y; Higaki J; Ogihara T  
CORPORATE SOURCE: Department of Geriatric Medicine, Division  
of Gene Therapy  
Science, Osaka University Medical School, Suita, Japan.  
SOURCE: HYPERTENSION, (1999 Aug) 34 (2) 192-200.  
Journal code: 7906255. ISSN: 0194-911X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199909  
ENTRY DATE: Entered STN: 19990925  
Last Updated on STN: 19990925  
Entered Medline: 19990915

AB Loss of activity of the p53 tumor suppressor gene product has been  
postulated in the pathogenesis of human restenosis. Although the  
antioncogenes p53 and retinoblastoma (Rb) susceptibility gene have  
been  
reported to play a pivotal role in cell cycle progression in various  
cells, the role of p53 and Rb in the growth of human vascular smooth  
muscle cells (VSMC) has not yet been clarified. We used antisense  
strategy  
against p53 and Rb genes by the viral envelope-liposomal method.  
Transfection of antisense p53 oligodeoxynucleotides (ODN) alone  
resulted

in an increase in DNA synthesis compared with control ( $P < 0.01$ ).  
Similarly,  
transfection of antisense Rb ODN alone resulted in a higher DNA  
synthesis  
rate than control ( $P < 0.01$ ). Moreover, increase in VSMC number was  
only  
induced by transfection of antisense p53 ODN alone or cotransfection  
of  
p53/Rb ODN ( $P < 0.01$ ), whereas a single transfection of antisense Rb  
ODN had  
little effect on cell number. Therefore, we hypothesized that this  
discrepancy is due to the induction of apoptosis mediated by p53.  
Interestingly, apoptotic cells were markedly increased in VSMC  
transfected  
with antisense Rb ODN alone, accompanied by the induction of p53  
protein.

The number of apoptotic cells was attenuated by cotransfection of  
antisense p53 ODN ( $P < 0.01$ ). We finally examined the molecular  
mechanisms  
of apoptosis induced by the absence of Rb. In VSMC transfected with  
antisense Rb ODN, bax, a promoter of apoptosis, was significantly  
increased in VSMC transfected with antisense Rb ODN ( $P < 0.01$ ),  
whereas

bcl-2 and Fas did not play a pivotal role in the induction of  
apoptosis. Overall, these data first demonstrated that the  
antioncogenes  
p53 and Rb negatively regulated the cell cycle in VSMC, suggesting  
that  
the modulation of their activity may mediate VSMC growth such as  
that in  
restenosis and atherosclerosis. The presence of p53 plays a pivotal  
role  
in the regulation of apoptosis in human VSMC growth, probably  
through the  
bax pathway. These results provide evidence that p53 is a functional  
link  
between cell growth and apoptosis in VSMC.

L23 ANSWER 6 OF 6 MEDLINE DUPLICATE 2  
ACCESSION NUMBER: 96105011 MEDLINE  
DOCUMENT NUMBER: 96105011 PubMed ID: 8521383  
TITLE: Abrogation of p53-induced apoptosis by the hepatitis B  
virus X gene.  
AUTHOR: Wang X W; Gibson M K; Vermeulen W; Yeh H;  
Forrester K;  
Sturzbecher H W; Hoeijmakers J H; Harris C C  
CORPORATE SOURCE: Laboratory of Human Carcinogenesis,  
National Cancer  
Institute, NIH, Bethesda, Maryland 20892-4255, USA.  
SOURCE: CANCER RESEARCH, (1995 Dec 15) 55 (24) 6012-  
6.

Journal code: 2984705R. ISSN: 0008-5472.  
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FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199601  
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Entered Medline: 19960122

AB The p53 tumor suppressor gene product is a transcriptional  
transactivator  
and a potent apoptotic inducer. The fact that many of the DNA tumor  
virus oncoproteins bind to p53 and affect these p53 functions  
indicates that this interaction is an important step in oncogenic  
transformation. We and others have recently demonstrated that the  
hepatitis B virus oncoprotein, HBx, can form a complex with  
p53 and inhibit its DNA consensus sequence binding and  
transcriptional transactivator activity. Using a microinjection  
technique,  
we report here that HBx efficiently blocks p53-mediated apoptosis  
and  
describe the results of studies exploring two possible mechanisms of  
HBx

action. First, inhibition of apoptosis may be a consequence of the failure of p53, in the presence of HBx, to upregulate genes, such as p21WAF1, Bax, or Fas, that are involved in the apoptotic pathway. Data consistent with this hypothesis include HBx reduction of p53-mediated p21WAF1 expression. Alternatively, HBx could affect p53 binding to the TFIIF transcription-nucleotide excision repair complex as HBx binds to the COOH terminus of p53 and inhibits its binding to XPB or XPD. Binding of p53 to these constituents of the core TFIIF is a process that may be involved in apoptosis. Because the HBx gene is frequently integrated into the genome of hepatocellular carcinoma cells, inhibition of p53-mediated apoptosis by HBx may provide a clonal selective advantage for hepatocytes expressing this integrated viral gene during the early stages of human liver carcinogenesis.

=> d his

(FILE 'HOME' ENTERED AT 09:27:56 ON 18 SEP 2002)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:28:11 ON 18 SEP 2002

L1 3466 S INHIBIT?(2A)P53  
L2 2682216 S CLINIC?  
L3 212 S L1 AND L2  
L4 146 DUP REM L3 (66 DUPLICATES REMOVED)  
L5 32435 S APO-1 OR FAS OR CD95  
L6 4 S L4 AND L5  
L7 72 S L1 AND L5  
L8 39 DUP REM L7 (33 DUPLICATES REMOVED)  
L9 61 S L4 NOT PY>1998  
L10 117 S AUTOIMMUN  
L11 131301 S AUTOIMMUNE  
L12 8 S L1 AND L11  
L13 7 DUP REM L12 (1 DUPLICATE REMOVED)  
L14 78333 S P53  
L15 180990 S HIS  
L16 81 S L5 AND L15  
L17 1665 S L5 AND L14  
L18 52 S L17 AND L11  
L19 34 DUP REM L18 (18 DUPLICATES REMOVED)  
L20 1370274 S VIRUS OR VIRAL  
L21 763 S L1 AND L20  
L22 10 S L21 AND L5  
L23 6 DUP REM L22 (4 DUPLICATES REMOVED)

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NEWS 11 Jun 10 PCTFULL has been reloaded

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saved answer sets no longer valid

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NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced

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